

10-13-04
Express Mail No. ED255563275US
Attorney Docket No.: AM-2044.C2

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A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Tony Chiang et al.

SERIAL NO.: 10/796,602

FILED: March 8, 2004

FOR: METHOD OF PREVENTING DIFFUSION OF
COPPER THROUGH A TANTALUM-COMPRISING
BARRIER LAYER

§ GROUP ART UNIT: 2812

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§ EXAMINER: A. G. Ghyka

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§ Attorney Docket No.:

§ AM-2044.C2

Date: October 12, 2004

**AMENDMENT "B" UNDER 37 CFR § 1.111
AND TERMINAL DISCLAIMER UNDER 37 CFR § 1.321(c)
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

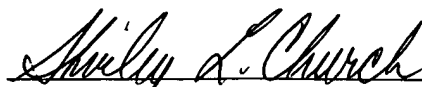
Sir:

Transmitted herewith is applicant's Amendment "B" in response to the Office Action mailed September 10, 2004, in the subject patent application, having a shortened statutory period for response of December 10, 2004. Also enclosed herewith is a Terminal Disclaimer under 37 CFR § 1.321(c).

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED255563275US in an envelope addressed to: Mail Stop Amendment (With Fee), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 12, 2004


Shirley L. Church, Reg. No. 31,858

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER <u>AMENDMENT</u>		HIGHEST NO. PREVIOUSLY <u>PAID FOR</u>		PRESENT <u>EXTRA</u>		<u>RATE</u>	ADDITIONAL <u>FEE</u>
TOTAL CLAIMS	4	minus	20	=	0	x	\$18.00	\$00.00
INDEPENDENT CLAIMS	1	minus	3	=	0	x	\$88.00	\$00.00
MULTIPLE DEPENDENT CLAIMS			0				\$300.00	\$00.00
TERMINAL DISCLAIMER FEE								\$110.00
							TOTAL FEE DUE	\$110.00

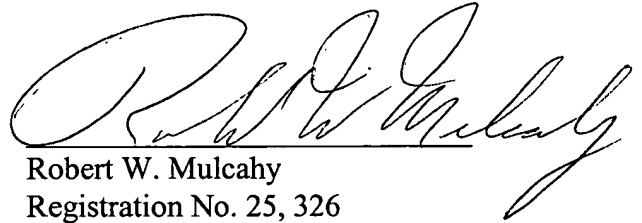
The Commissioner is hereby authorized to charge the amount of \$ 110.00, in payment of the fee under 37 CFR § 1.20(d) for submission of a Terminal Disclaimer under 37 CFR § 1.321(c), as well as any additional fees which may be due, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Attorney Docket No. AM-2044.C2

U.S. Express Mail No. ED255563275 US

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Robert W. Mulcahy", written over a horizontal line.

Robert W. Mulcahy
Registration No. 25, 326
Attorney for Applicants

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